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L20: Entry 1 of 4

File: USPT

Oct 26, 1999

US-PAT-NO: 5971273

DOCUMENT-IDENTIFIER: US 5971273 A

TITLE: Automated florist system allowing direct contact with delivering florist

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vallaire; Milton E.	New Orleans	LA	70117	

APPL-NO: 08/ 936234 [PALM]

DATE FILED: September 24, 1997

PARENT-CASE:

REFERENCE TO RELATED APPLICATION This utility patent application is based on co-pending, provisional patent application Ser. No. 60/026,675 filed Sep. 25, 1996 entitled "Automated Florist System", the priority benefit of which is claimed for the instant utility application.

INT-CL: [06] G06 K 5/00, G06 K 7/08

US-CL-ISSUED: 235/381; 235/382, 235/385, 705/26, 340/825.25

US-CL-CURRENT: 235/381; 235/375, 235/382, 235/385, 340/825.25, 705/26

FIELD-OF-SEARCH: 235/381, 235/382, 235/383, 235/385, 340/825.25, 705/26, 705/25

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4311227</u>	January 1982	Watkins	194/4
<input type="checkbox"/>	<u>4953363</u>	September 1990	Primozic	62/255
<input type="checkbox"/>	<u>5102715</u>	April 1992	Zetterquist	428/137
<input type="checkbox"/>	<u>5146709</u>	September 1992	Iseki	47/41.01
<input type="checkbox"/>	<u>5158155</u>	October 1992	Domain et al.	235/383
<input type="checkbox"/>	<u>5360134</u>	November 1994	Falk et al.	221/2
<input type="checkbox"/>	<u>5386462</u>	January 1995	Schlamp	379/106
<input type="checkbox"/>	<u>5440479</u>	August 1995	Hutton	364/401

<input type="checkbox"/>	<u>5445295</u>	August 1995	Brown	235/381
<input type="checkbox"/>	<u>5450938</u>	September 1995	Rademacher	194/206
<input type="checkbox"/>	<u>5472116</u>	December 1995	Barbe et al.	221/126
<input type="checkbox"/>	<u>5511646</u>	April 1996	Maldanis et al.	194/217
<input type="checkbox"/>	<u>5513117</u>	April 1996	Small	235/381
<input type="checkbox"/>	<u>5580840</u>	December 1996	Harms et al.	504/115
<input type="checkbox"/>	<u>5596501</u>	January 1997	Comer et al.	235/381
<input type="checkbox"/>	<u>5678421</u>	October 1997	Maynard et al.	62/407
<input type="checkbox"/>	<u>5734151</u>	March 1998	Brown et al.	235/381

OTHER PUBLICATIONS

"Tools of the Trade"--Ad of 24-Hours Flower, Inc.

ART-UNIT: 286

PRIMARY-EXAMINER: Le; Thien Minh

ASSISTANT-EXAMINER: St. Cyr; Daniel

ATTY-AGENT-FIRM: Pugh; C. Emmett Pugh/Associates

ABSTRACT:

An automated florist system, including an associated cooler (20, FIG. 1) and order taking control unit (22, FIG. 2) for automated vending and order placements specifically for flowers and gift items. The system, with the control unit being pre-programmed using appropriate logic (FIG. 3), allows a walk-up or drive-up customer to select from a variety of pre-made flower arrangements from discrete cells equipped with the necessary refrigeration for immediate purchase, or, alternatively, a selection may be made, and information entered, for remote delivery at a specified time and place (note displayed "order form" of FIG. 5). Further, the operating, host florist of the vending system can remotely monitor and conduct all business with the vending machine from the operating florist's shop (FIG. 4), with the sole exception of stocking the machine with items for immediate purchase; while the sending of an order to an affiliated florist for a distant delivery is fully automated; see FIG. 6.

24 Claims, 6 Drawing figures

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L20: Entry 2 of 4

File: USPT

Jun 29, 1999

US-PAT-NO: 5918213

DOCUMENT-IDENTIFIER: US 5918213 A

TITLE: System and method for automated remote previewing and purchasing of music, video, software, and other multimedia products

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bernard; Warren E.	Bethesda	MD		
Jacobson; Philip A.	Vienna	VA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
MCI Communications Corporation		DE			02

APPL-NO: 08/ 580104 [PALM]

DATE FILED: December 22, 1995

INT-CL: [06] G06 F 17/60

US-CL-ISSUED: 705/26; 705/27, 395/200.57, 395/200.58, 395/200.59

US-CL-CURRENT: 705/26; 705/27, 709/227, 709/228, 709/229

FIELD-OF-SEARCH: 364/41R, 364/478.01, 364/479.03, 235/381, 395/226, 395/227, 395/200.57, 395/200.58, 395/200.59, 705/26, 705/27

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>3082402</u>	March 1963	Scantlin	
<input type="checkbox"/>	<u>3159818</u>	December 1964	Scantlin	
<input type="checkbox"/>	<u>3249919</u>	May 1966	Scantlin	
<input type="checkbox"/>	<u>3371162</u>	February 1968	Scantlin	
<input type="checkbox"/>	<u>3381276</u>	April 1968	James	
<input type="checkbox"/>	<u>3482057</u>	December 1969	Abbott et al.	
	<u>3829833</u>	August 1974	Freeny, Jr. et al.	

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L20: Entry 3 of 4

File: USPT

Jan 19, 1999

US-PAT-NO: 5860362

DOCUMENT-IDENTIFIER: US 5860362 A

TITLE: Newspaper vending machine with online connection

DATE-ISSUED: January 19, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith; Graeme	Barnhill			GB6

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
NCR Corporation	Dayton	OH			02

APPL-NO: 08/ 814186 [\[PALM\]](#)

DATE FILED: March 10, 1997

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
GB	9619190	September 13, 1996

INT-CL: [06] [A47](#) [F](#) [1/04](#)

US-CL-ISSUED: 101/494; 400/719, 379/91.01, 705/26, 221/309, 364/479.05

US-CL-CURRENT: [101/494](#); [221/309](#), [379/91.01](#), [400/719](#), [700/235](#), [705/26](#)

FIELD-OF-SEARCH: 235/381, 235/379, 379/91.01, 379/91.12, 379/91.13, 400/719, 705/26, 221/154, 221/309, 101/494, 101/228, 364/479.05

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	4954697	September 1990	Kokubun et al.	235/381
<input type="checkbox"/>	5133493	July 1992	Russel et al.	277/152
<input type="checkbox"/>	5267727	December 1993	DeHORITY	270/1.1
<input type="checkbox"/>	5561709	October 1996	Remillard	379/96

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
535 630 A2	April 1993	EP	
06-333156	December 1994	JP	
7115474	May 1995	JP	

ART-UNIT: 284

PRIMARY-EXAMINER: Burr; Edgar

ASSISTANT-EXAMINER: Ghatt; Dave A.

ATTY-AGENT-FIRM: Chan; Michael

ABSTRACT:

A system which comprises a self-service newspaper vending machine (2) includes an electronic control means (34) with an on-line connection (36) to a news providing organization (38) from which a newspaper containing up to the minute news can be purchased. A customer is attracted by news stories shown on a display (6). The customer is then given the opportunity of purchasing a newspaper or part of a newspaper. Communication between the customer and the vending machine (2) is by the display (6) and a keyboard (8). The newspaper can be purchased by either inserting a banking or credit card in a card reader (52) or inserting coins into a coin slot (50). The vending machine (2) would then print out the up to the minute news requested.

11 Claims, 2 Drawing figures

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L20: Entry 4 of 4

File: USPT

Jan 11, 1972

US-PAT-NO: 3634656

DOCUMENT-IDENTIFIER: US 3634656 A

TITLE: CREDIT CONTROL SYSTEM

DATE-ISSUED: January 11, 1972

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Krechmer; Kenneth Robert	Beverly Hills	CA		
Salmon; Isidore William	Van Nuys	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Cantelesis Corporation					

APPL-NO: 04/ 679410 [\[PALM\]](#)

DATE FILED: October 31, 1967

INT-CL: [] G06k 7/08

US-CL-ISSUED: 235/61.7B; 235/61.11D

US-CL-CURRENT: 235/380; 235/450, 360/112, 360/2

FIELD-OF-SEARCH: 324/45, 235/61.11, 235/61.114, 235/61.116, 235/61.7, 340/149A, 346/74M

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>2779540</u>	January 1957	Hoeppner	235/61.12
<input type="checkbox"/>	<u>3146342</u>	August 1964	Perotto	346/74
<input type="checkbox"/>	<u>3384899</u>	May 1968	Logerqvist	346/74
<input type="checkbox"/>	<u>3508032</u>	April 1970	MacDuffee et al.	235/61.11
<input type="checkbox"/>	<u>3243692</u>	March 1966	Heissmeier	324/45 X
<input type="checkbox"/>	<u>3329833</u>	July 1967	Dorsch	324/45 X

ART-UNIT: 238

PRIMARY-EXAMINER: Cook; Daryl W.

ATTY-AGENT-FIRM: Smyth, Roston & Pavitt

ABSTRACT:

A credit card system is described wherein credit cards are equipped for magnetic recording of credit balances and cooperate with a control unit reproducing the recorded data, updating the value and recording the updated value on the card. The system is designed for slow card motion operation and is tamper proofed. The control unit may control automatic vending operations and can be adapted to selectively add or subtract numbers to the reproduced credit balance.

27 Claims, 19 Drawing figures

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